

Serial No. 09/830,981 ----- 16

Dated: March 16, 2004

## **APPENDIX**

### **REPLACEMENT DRAWING SHEETS**

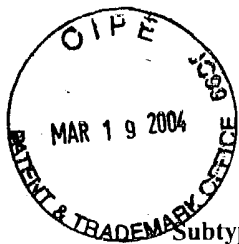


# REPLACEMENT SHEET

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SEQ ID NO: 1	CCC TTA TCG TCA ATC TTC TCG AGG ATT GGG GAC CCT
SEQ ID NO: 2	Pro Leu Ser Ser Ile Phe Ser Arg Ile Gly Asp Pro

FIG. 1



# REPLACEMENT SHEET

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## Subtype ayw (1)

SEQ ID NO: 1	CCC	TTA	TCG	TCA	ATC	TTC	TCG	AGG	ATT	GGG	GAC	CCT
SEQ ID NO: 2	Pro	Leu	Ser	Ser	Ile	Phe	Ser	Arg	Ile	Gly	Asp	Pro
Hydropathy value	-1.6	3.8	-0.8	-0.8	4.5	2.8	-0.8	-4.5	4.5	-0.4	-3.5	-1.6

## Subtype ayw (2)

SEQ ID NO: 3	CCC	ATA	TCG	TCA	ATC	TTC	TCG	AGG	ATT	GGG	GAC	CCT
SEQ ID NO: 4	Pro	Ile	Ser	Ser	Ile	Phe	Ser	Arg	Ile	Gly	Asp	Pro
Hydropathy value	-1.6	4.5	-0.8	-0.8	4.5	2.8	-0.8	-4.5	4.5	-0.4	-3.5	-1.6

## Subtypes adr (1), adr (2), and ayr

SEQ ID NO: 5	CCC	ATA	TCG	TCA	ATC	TTC	TCG	AGG	ACT	GGG	GAC	CCT
SEQ ID NO: 6	Pro	Ile	Ser	Ser	Ile	Phe	Ser	Arg	Thr	Gly	Asp	Pro
Hydropathy value	-1.6	4.5	-0.8	-0.8	4.5	2.8	-0.8	-4.5	-0.7	-0.4	-3.5	-1.6

## Subtype adw, adw2

SEQ ID NO: 7	CAC	ATC	TCG	TCA	ATC	TCC	GCG	AGG	ACT	GGG	GAC	CCT
SEQ ID NO: 8	His	Ile	Ser	Ser	Ile	Ser	Ala	Arg	Thr	Gly	Asp	Pro
Hydropathy value	-3.2	4.5	-0.8	-0.8	4.5	-0.8	1.8	-4.5	-0.7	-0.4	-3.5	-1.6

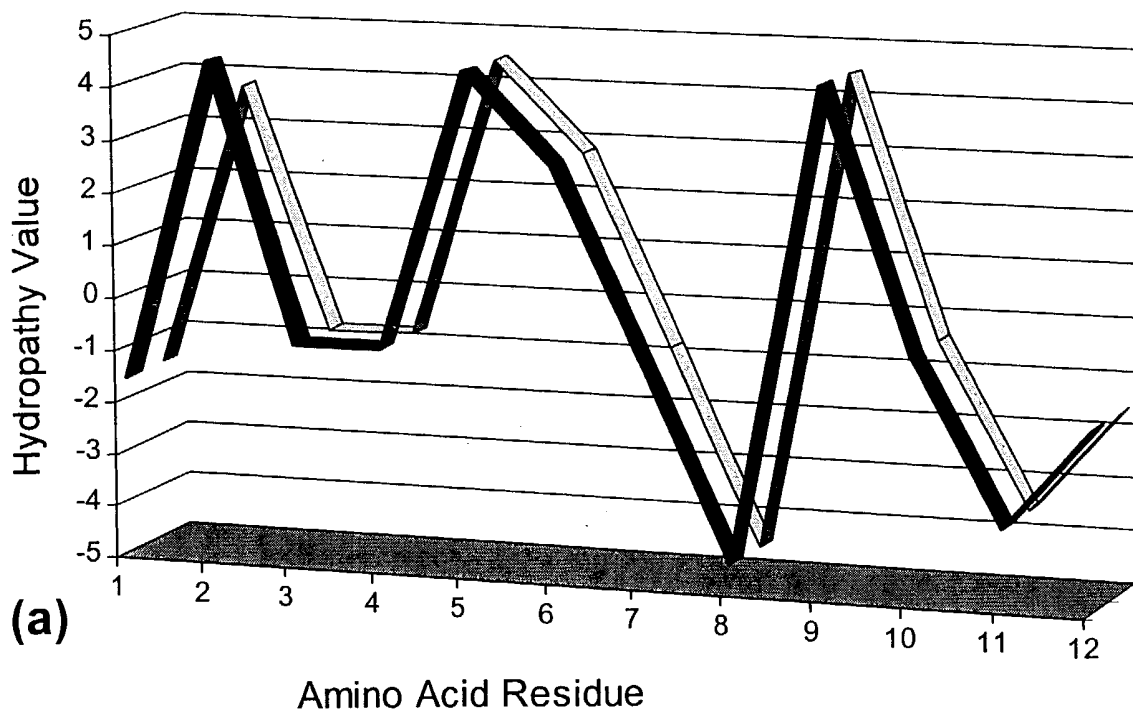


FIG. 3A



REPLACEMENT SHEET  
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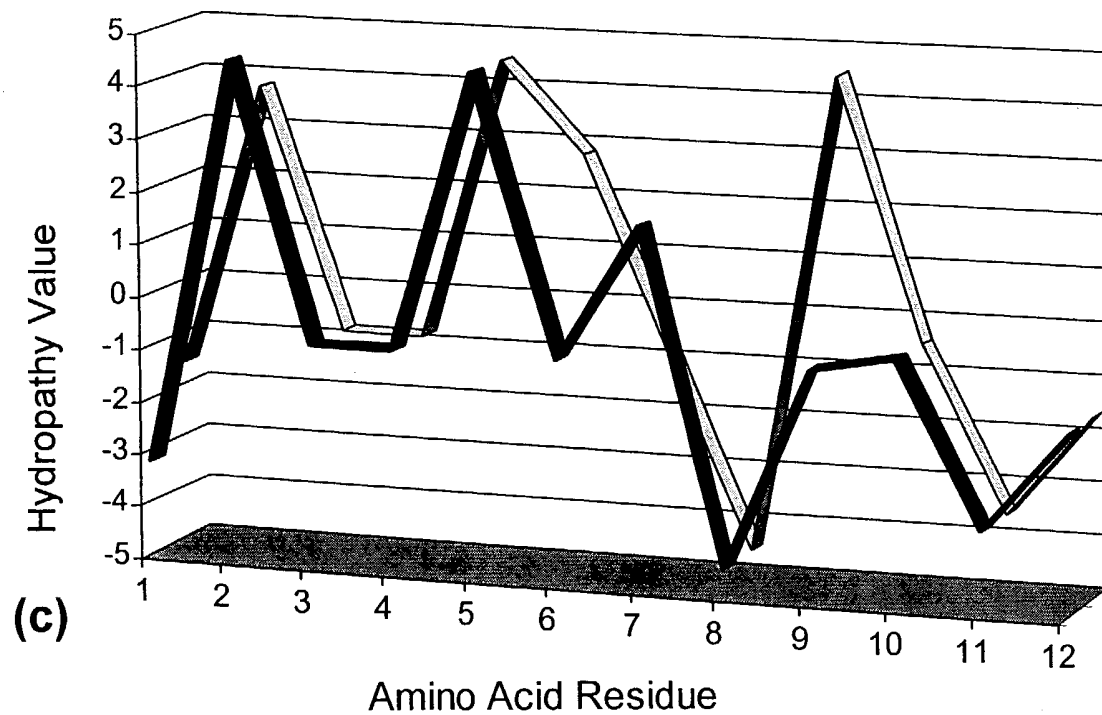
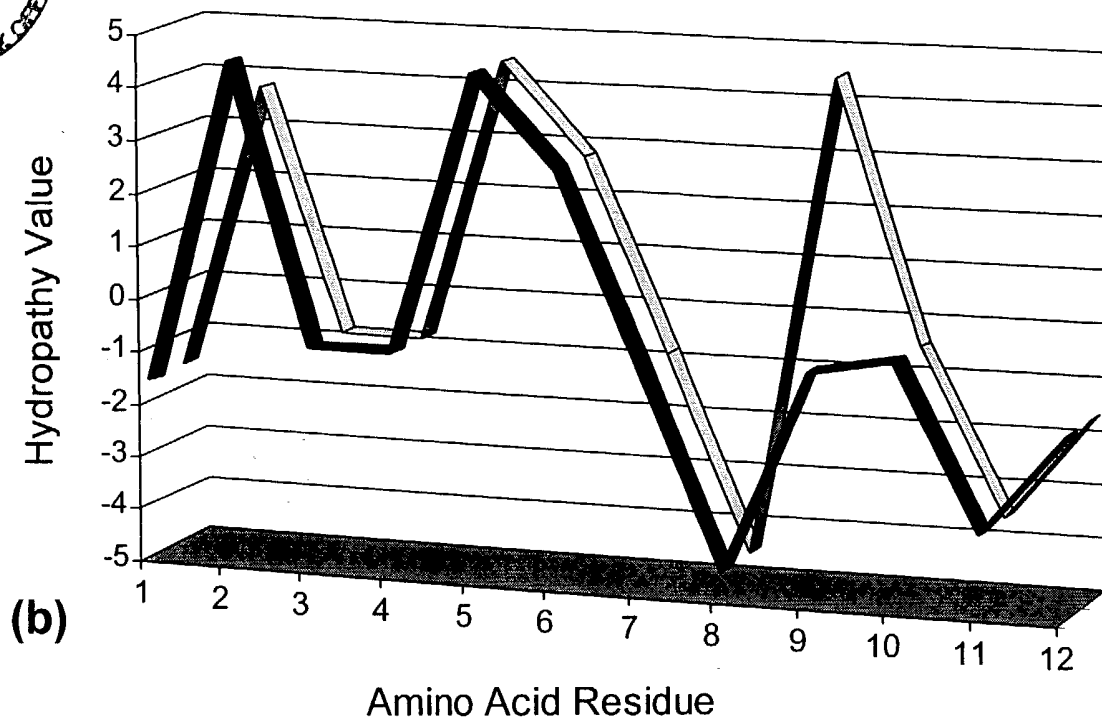
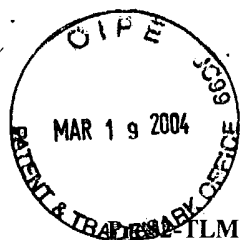


FIG. 3B

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Patent TLM

SEQ ID NO: 2	Pro	Leu	Ser	Ser	Ile	Phe	Ser	Arg	Ile	Gly	Asp	Pro
Hydropathy value	-1.6	3.8	-0.8	-0.8	4.5	2.8	-0.8	-4.5	4.5	-0.4	-3.5	-1.6

## DHBV3 residues 20-31

SEQ ID NO: 9	Leu	Leu	Asn	Gln	Leu	Ala	Gly	Arg	Met	Ile	Pro	Lys
Hydropathy value	3.8	3.8	-3.5	-3.5	3.8	1.8	-0.4	-4.5	1.9	4.5	-1.6	-3.9

## DHBV3 residues 42-53

SEQ ID NO: 10	Thr	Ile	Asp	His	Val	Leu	Asp	His	Val	Gln	Thr	Met
Hydropathy value	-0.7	4.5	-3.5	-3.2	4.2	3.8	-3.5	-3.2	4.2	-3.5	-0.7	1.9

## HHBV residues 45-56

SEQ ID NO: 11	Thr	Ile	Gln	His	Val	Met	Asp	His	Ile	Asp	Ser	Val
Hydropathy value	-0.7	4.5	-3.5	-3.2	4.2	1.9	-3.5	-3.2	4.5	-3.5	-0.8	4.2

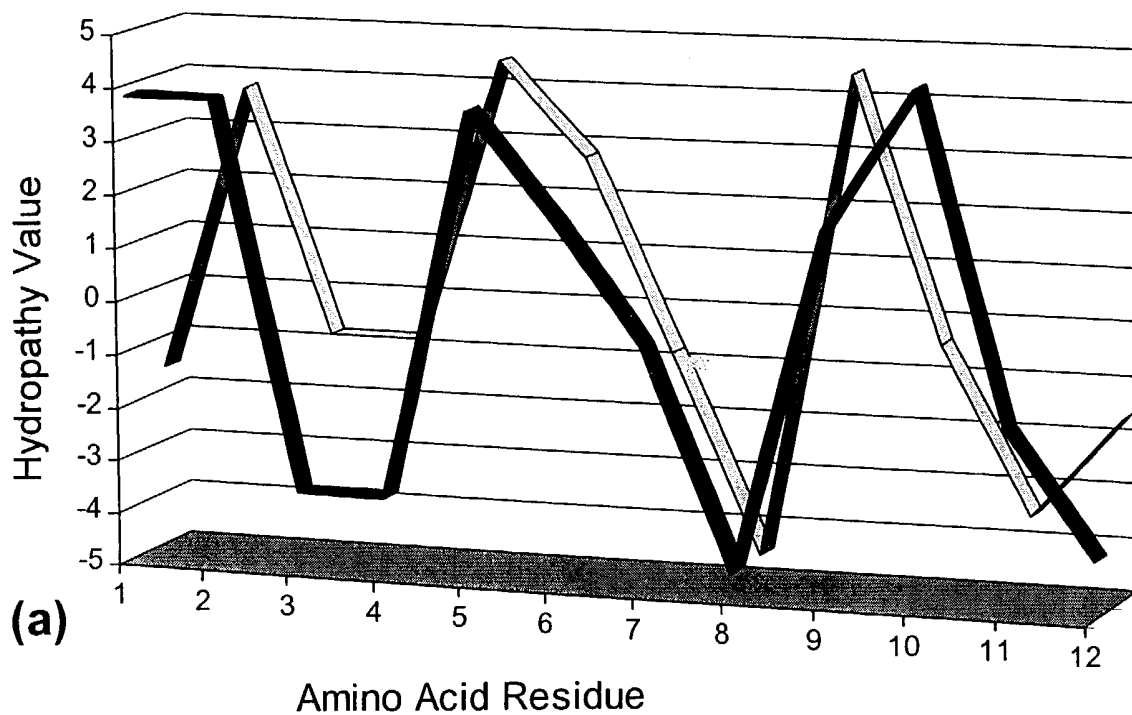


FIG. 4A



REPLACEMENT SHEET

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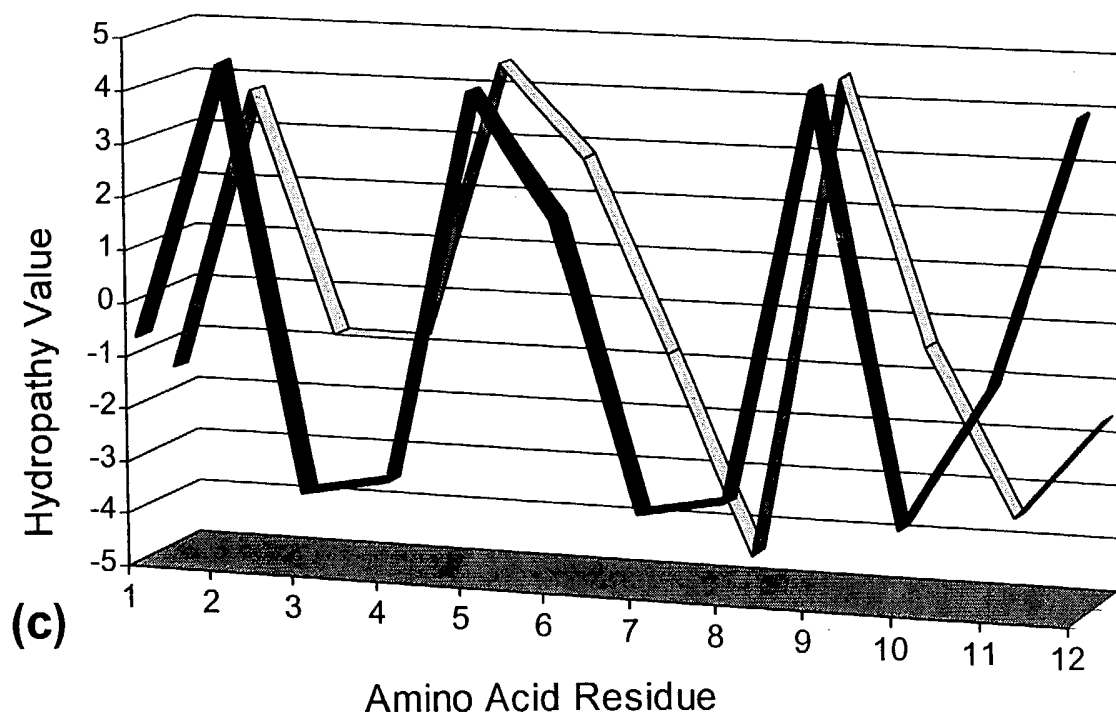
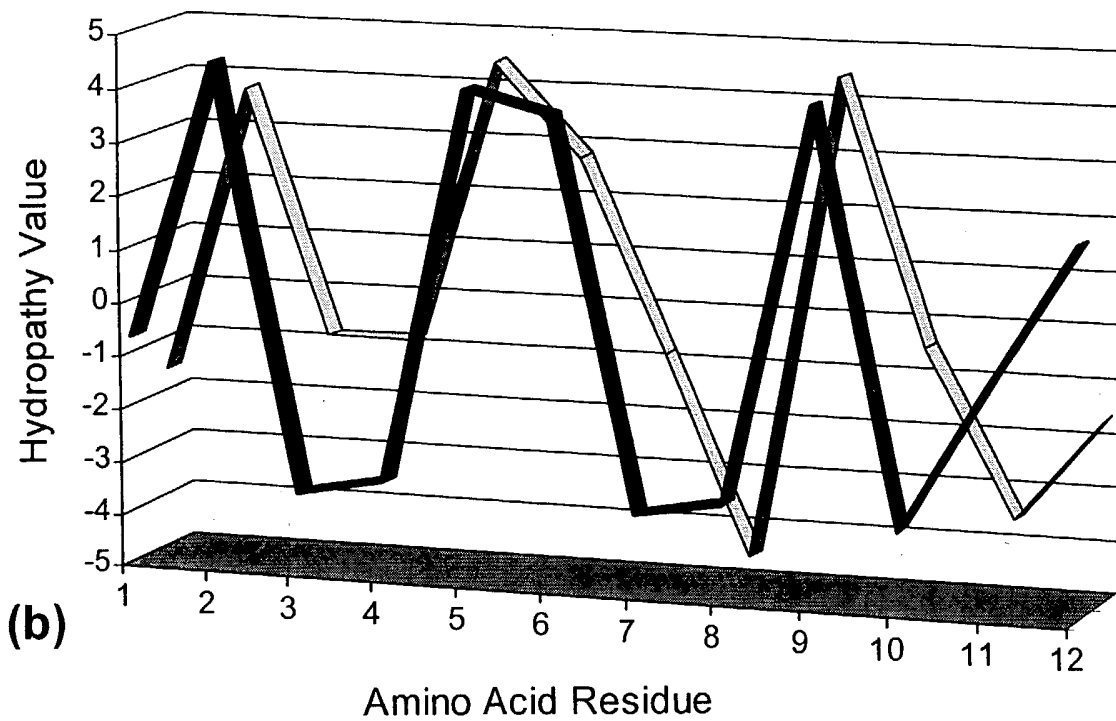


FIG. 4B

# REPLACEMENT SHEET

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PreS2-TLM  
SEQ ID NO: 2  
Hydropathy value

Pro	Leu	Ser	Ser	Ile	Phe	Ser	Arg	Ile	Gly	Asp	Pro
-1.6	3.8	-0.8	-0.8	4.5	2.8	-0.8	-4.5	4.5	-0.4	-3.5	-1.6

WHV residues 33-44  
SEQ ID NO: 12  
Hydropathy value

Thr	Leu	Ser	Pro	Val	Val	Pro	Thr	Val	Ser	Thr	Ile
-0.7	3.8	-0.8	-1.6	4.2	4.2	-1.6	-0.7	4.2	-0.8	-0.7	4.5

GSHV residues 33-44  
SEQ ID NO: 13  
Hydropathy value

Thr	Leu	Ser	Pro	Val	Val	Pro	Thr	Val	Ser	Thr	Thr
-0.7	3.8	-0.8	-1.6	4.2	4.2	-1.6	-0.7	4.2	-0.8	-0.7	-0.7

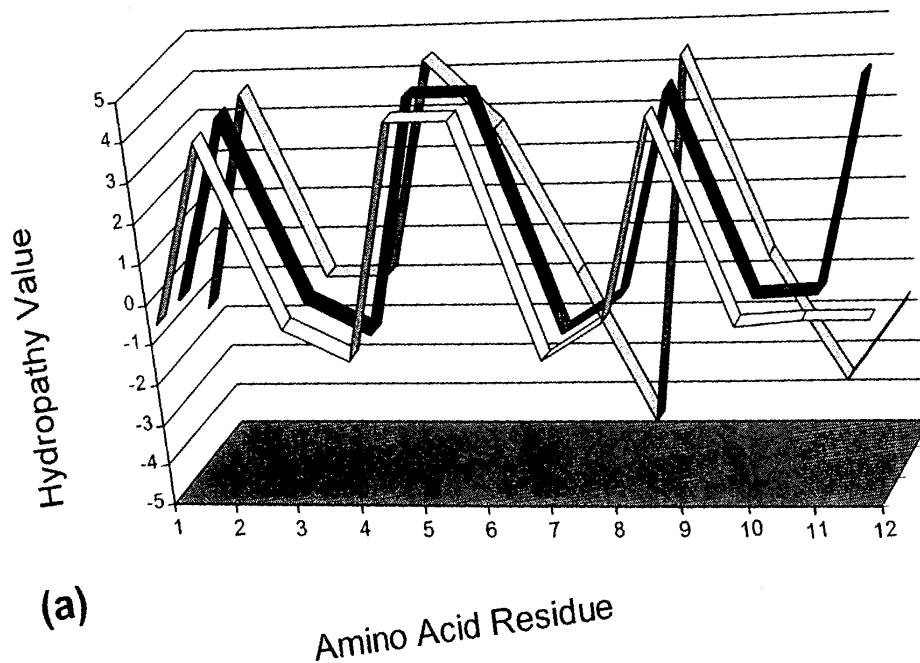


FIG. 5